## 10/561005

### IAP6 Rec'd PCT/PTO 15 DEC 2005

Dkt. 69626-A-PCT-US/JPW/JW

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Paz Einat, et al.

U.S. Serial No. : Not Yet Known (national stage of PCT

International Application No.

PCT/IL2004/000515)

Filed : Herewith

For : METHODS FOR CLONING NUCLEIC ACIDS IN A

DESIRED ORIENTATION

1185 Avenue of the Americas New York, New York 10036

December 15, 2005

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

#### INFORMATION DISCLOSURE STATEMENT

In order to ensure compliance with applicants' duty of disclosure under 37 C.F.R. \$1.56 and \$1.97(a)-(d), applicants request that the following documents be considered and made of record in the above-identified application which is listed on Form PTO-1449, attached hereto as **Exhibit A**.

- International Search Report issued by the International Searching Authority on January 13, 2005 in connection with International Application No. PCT/IL2004/000515 (Exhibit 1);
- 2. U.S. Patent No. 5,183,748 A (Simoncsits, et al.), published February 2, 1993 (Exhibit 2);
- 3. U.S. Patent No. 6,481,277 B1 (Shuman), published April
  15, 2003 (Exhibit 3);

Applicants: Paz Einat, et al. U.S. Serial No.: NOT YET KNOWN LEGREC'S PETIPTO 15 DEC 2005

Filed: Herewith

Page 2

- Hite, J. M., Eckert, K. A., and Cheng, K. C. (1996). Factors affecting fidelity of DNA synthesis during PCR amplification of  $d(C-A)_n \cdot d(G-T)_n$  microsatellite repeats. Nucleic Acids Res. 24: 2429-2434 (Exhibit 4); and
- 5. Zhang, X.-H. and Chiang, V. L. (1996). Single-stranded DNA ligation by T4 RNA ligase for PCR cloning of 5'noncoding fragments and coding sequence of a specific gene. Nucleic Acids Res. 24: 990-991 (Exhibit 5).

Copies of documents numbers 1-5 are attached hereto as **Exhibits** 1-5, respectively.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,

White John P

Registration No. 28,678 Attorney for the Applicants Cooper & Dunham LLP 1185 Avenue of the Americas

New York, New York 10036

(212) 278-0400

# IAP6 Rec'd PCT/PTU 15 UEU ZUUS

PTO/SB/08B (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** Not Yet Know Filing Date INFORMATION DISCLOSURE Herewith STATEMENT BY APPLICANT **First Named Inventor** Paz Einat Art Unit (Use as many sheets as necessary) **Examiner Name Attorney Docket Number** 69626-A-PCT-US/JPW/JW Sheet 2 of

NON PATENT LITERATURE DOCUMENTS

Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of			
No. <sup>1</sup>				
	number(s), publisher, city and/or country where published.	-		
1	International Search Report issued by the International Searching Authority on January 13, 2005 in connection with International Application No. PCT/IL2004/000515.			
4	2429-2434			
5	Zhang, XH. and Chiang, V. L. (1996). Single-stranded DNA ligation by T4 RNA ligase for PCR cloning of 5'-noncoding fragments and coding sequence of a specific gene. Nucleic Acids Res. 24: 990-991.			
	Date Considered			
	No. <sup>1</sup> 1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  International Search Report issueed by the International Searching Authority on January 13, 2005 in connection with International Application No. PCT/IL2004/000515.  Hite, J. M., Eckert, K. A., and Cheng, K. C. (1996). Factors affecting fidelity of DNA synthesis during PCR amplification of d(C-A), d(G-T), microsatellite repeats. Nucleic Acids Res. 24: 2429-2434.  Zhang, XH. and Chiang, V. L. (1996). Single-stranded DNA ligaste for PCR cloning of 5'-noncoding fragments and coding sequence of a specific gene. Nucleic Acids Res. 24: 990-991.  Date		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Applicants: Paz Einat, et al. U.S. Serial No. NOT YET KNOWN

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Substitute for form 1449/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	Examiner Name	
Sheet 2	of 2	<b>Attorney Docket</b>

Complete if Known 1 005				
Application Number	Not Ket Known			
Filing Date	Herewith			
First Named Inventor	Paz Einat			
Art Unit				
Examiner Name				
<b>Attorney Docket Number</b>	69626-A-PCT-US/JPW/JW			

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	2	US- 5,183,748 A	02-02-1993	Simoncsits, et al.	
	3	<sup>US-</sup> 6,548,277 B1	04-15-2003	Shuman	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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